

South Carolina Centers of Economic Excellence / SmartState Program™

Summary of Funded Proposals

Institution(s)	Proposal	Proposal Amount	State Funds Drawn	Match Pledged	Match Received	Date of Inception	18 month Pledge Window	Pledge Deadline Met	60 Month Draw Down Window	Draw Deadline Met	No. of Chairs	Chair(s) Hired	Chair Holder
Funding Year 2002-03													
Clemson	Automotive Systems Integration	\$5 Million	\$5,000,000	\$5,000,000	\$5,000,000	6/24/2003	12/24/2004	yes	12/24/2009	yes	1	1	Venhovens
Clemson	Automotive Manufacturing	\$5 Million	\$5,000,000	\$5,000,000	\$5,000,000	6/24/2003	12/24/2004	yes	12/24/2009	yes	1	1	Kurfess
USC	Nanostructures	\$4 Million	\$4,000,000	\$4,000,000	\$4,000,000	6/24/2003	12/24/2004	yes	12/24/2009	yes	1	1	Webb
USC/MUSC	Brain Imaging	\$5 Million	\$5,000,000	\$5,000,000	\$5,000,000	6/24/2003	12/24/2004	yes	12/24/2009	yes	3	2	Helpern (MUSC), Rorden (USC)
MUSC	Proteomics	\$4 Million	\$4,000,000	\$4,000,000	\$4,000,000	6/24/2003	12/24/2004	yes	12/24/2009	yes	2	1	Drake
MUSC	Neuroscience	\$3 Million	\$3,000,000	\$3,000,000	\$3,000,000	6/24/2003	12/24/2004	yes	12/24/2009	yes	3	1	Aston-Jones
MUSC/USC/CoC	Marine Genomics	\$4 Million	\$4,000,000	\$4,000,000	\$4,000,000	6/24/2003	12/24/2004	yes	12/24/2009	yes	3	3	Guillette (MUSC), Naylor (MUSC) Kresovich (USC)
Total 2002-03		\$30 Million	\$30,000,000	\$30,000,000	\$30,000,000								
Funding Year 2003-04													
Clemson	Automotive Design & Development	\$5 Million	\$5,000,000	\$5,000,000	\$5,000,000	8/25/2003	2/25/2005	yes	2/25/2010	yes	1	1	Hubing
Clemson	Electronics Systems Integration	\$3 Million	\$3,000,000	\$3,000,000	\$3,000,000	4/27/2004	10/27/2005	yes	10/27/2010	yes	1		
Clemson	Optical Materials	\$5 Million	\$5,000,000	\$5,000,000	\$5,000,000	4/27/2004	10/27/2005	yes	10/27/2010	yes	1		
USC	Polymer Nanocomposites	\$3.5 Million	\$3,500,000	\$3,500,000	\$3,500,000	4/27/2004	10/27/2005	yes	10/27/2010	yes	1	1	Benicewicz
USC	Hydrogen Economy (I) *	\$2.5 Million	\$2,500,000	\$2,500,000	\$2,500,000	4/27/2004	10/27/2005	yes	10/27/2010	yes	2		
MUSC/Clemson/USC	Regenerative Medicine	\$5 Million	\$5,000,000	\$5,000,000	\$5,000,000	8/25/2003	2/25/2005	yes	2/25/2010	yes	3	3	Swaja (MUSC), Morad (USC), Wen (CU)
MUSC/USC	Translational Cancer Therapeutics	\$5 Million	\$5,000,000	\$5,000,000	\$5,000,000	4/27/2004	10/27/2005	yes	10/27/2010	yes	2	2	Tew (MUSC), Roninson (USC)
Total 2003-04		\$29 Million	\$29,000,000	\$29,000,000	\$29,000,000								

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Funding Year 2004-05													
Clemson	Restoration [WITHDRAWN 7-11-07]	[\$3 Million]				8/30/2004							
Clemson	Electron Imaging [WITHDRAWN 12-21-07]	[\$5 Million]				6/29/2005							
USC	Renewable Fuels for Fuel Cell Economy	\$3 Million	\$3,000,000	\$3,000,000	\$3,000,000	6/29/2005	12/29/2006	yes	12/29/2011	yes	1	1	Regalbuto
USC	Hydrogen Economy (II) *	\$2.5 Million	\$2,500,000	\$2,500,000	\$2,500,000	8/30/2004	2/28/2006	yes	2/28/2011	yes	[See 03-04]		
USC/Coastal Carolina	Tourism & Economic Development	\$2 Million	\$2,000,000	\$2,000,000	\$2,000,000	8/30/2004	2/28/2006	yes	2/28/2011	yes	1	1	Hudson
MUSC	Gastrointestinal Cancer Diagnostics	\$5 Million	\$5,000,000	\$5,000,000	\$5,000,000	6/29/2005	12/29/2006	yes	12/29/2011	yes	2	1	Thomas
MUSC/USC	Cancer Drug Discovery	\$5 Million	\$5,000,000	\$5,000,000	\$5,000,000	8/30/2004	2/28/2006	yes	2/28/2011	yes	4	3	LeMasters (MUSC), Smith (MUSC), Woster (MU
MUSC/USC	Vision Science	\$4.5 Million	\$4,367,192	\$4,500,000	\$4,500,000	6/29/2005	12/29/2006	yes	12/29/2011		3		
Total 2004-05		\$22 Million	\$21,867,192	\$22,000,000	\$22,000,000								
Funding Year 2005-06													
Clemson	Supply Chain Optimization & Logistics	\$2 Million	\$2,000,000	\$2,000,000	\$2,000,000	9/16/2005	3/16/2007	yes	3/16/2012	yes	1	1	Mason
Clemson	Urban Ecology & Restoration	\$2 Million	\$2,000,000	\$2,000,000	\$2,000,000	9/16/2005	3/16/2007	yes	3/16/2012	yes	1		
Clemson	Advanced Fiber-Based Materials	\$4 Million	\$3,413,000	\$4,000,000	\$3,413,000	6/13/2006	12/13/2007	yes	12/13/2012		1		
Clemson	Molecular Nutrition [WITHDRAWN 12-9-08]	[\$2 Million]				6/13/2006							
USC	Solid Oxide Fuel Cells	\$3 Million	\$2,900,000	\$3,000,000	\$3,000,000	6/13/2006	12/13/2007	yes	12/13/2012		1	1	Reifsnider
USC/MUSC	Childhood Neurotherapeutics	\$5 Million	\$5,000,000	\$5,000,000	\$5,000,000	6/13/2006	12/13/2007	yes	12/13/2012	yes	3		
MUSC	Molecular Proteomics in CV Disease & Preventi	\$5 Million	\$4,778,495	\$5,000,000	\$4,778,497	6/13/2006	12/13/2007	yes	12/13/2012		2		
MUSC/USC	Clinical Effectiveness & Patient Safety	\$5 Million	\$5,000,000	\$5,000,000	\$5,000,000	9/16/2005	3/16/2007	yes	3/16/2012	yes	3	3	Schaefer (MUSC), Obeid (MUSC) Snyder (USC)
Total 2005-06		\$26 Million	\$25,091,495	\$26,000,000	\$25,191,497								
Funding Year 2006-07													
Clemson/MUSC	Health Facilities Design and Testing	\$5 Million	\$2,000,000	\$5,000,000	\$2,000,000	6/18/2007	12/18/2008	yes	12/18/2013		2		
USC	Rehabilitation and Reconstruction Sciences	\$5 Million	\$2,000,000	\$5,000,000	\$2,000,000	6/18/2007	12/18/2008	yes	12/18/2013		1		
USC	Strategic Approaches to the Generation of Elect	\$5 Million	\$5,000,000	\$5,000,000	\$5,000,000	6/18/2007	12/18/2008	yes	12/18/2013	yes	1	1	Lauterbach
USC/MUSC/Clemson	Healthcare Quality	\$5 Million	\$5,000,000	\$5,000,000	\$5,000,000	8/28/2006	2/28/2008	yes	2/28/2013	yes	2	2	Sanderson (MUSC), Moskowitz (USC)
USC/Clemson	SeniorSMART™ Center †	\$5 Million	\$2,000,000	\$5,000,000	\$2,000,000	8/20/2007	2/20/2009	yes	2/20/2014		3	1	Levkoff (USC)
MUSC	Tobacco-Related Malignancy	\$5 Million	\$5,000,000	\$5,000,000	\$5,000,000	6/18/2007	12/18/2008	yes	12/18/2013	yes	2	1	Simon
MUSC/USC	Stroke	\$5 Million	\$4,846,233	\$5,000,000	\$4,885,870	6/18/2007	12/18/2008	yes	12/18/2013		3	3	Adams (MUSC), Chimowitz (MUSC) Sen (USC)
Total 2006-07		\$35 Million	\$25,846,233	\$35,000,000	\$25,885,870								

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Funding Year 2007-08													
Clemson Clemson	Optoelectronics	\$2 Million	\$1,631,799	\$2,000,000	\$1,631,799	6/9/2008	12/9/2009	yes	12/9/2014		1	1	Johnson
	CyberInstitute	\$2 Million	\$2,000,000	\$2,000,000	\$2,000,000	6/9/2008	12/9/2009	yes	12/9/2014	yes	1		
USC USC	Nanoenvironmental Research & Risk Assessment	\$3 Million	\$3,000,000	\$3,000,000	\$3,000,000	6/9/2008	12/9/2009	yes	12/9/2014	yes	1		
	Nuclear Science and Energy	\$3 Million	\$1,852,175	\$3,000,000	\$1,852,175	6/9/2008	12/9/2009	yes	12/9/2014		1		
MUSC MUSC/Clemson	Renal Disease Biomarkers	\$5 Million	\$3,949,219	\$5,000,000	\$3,954,705	6/9/2008	12/9/2009	yes	12/9/2014		2	1	Li (MUSC)
	Cancer Stem Cell Biology & Therapy	\$5 Million	\$5,000,000	\$5,000,000	\$5,000,000	6/9/2008	12/9/2009	yes	12/9/2014	yes	2		
MUSC/USC/Clemson	Advanced Tissue Biofabrication	\$5 Million		\$5,000,000	\$2,891,283	6/9/2008	12/9/2009	yes	12/9/2014		3		
MUSC/USC/SCSU	Cancer Disparities ††	\$3.6 Million	\$3,600,000	\$3,600,000	\$3,600,000	9/8/2008	3/8/2010	yes	3/8/2015	yes	3		
MUSC/USC	Medication Safety & Efficacy ††	\$2 Million	\$600,000	\$2,000,000	\$850,000	9/8/2008	3/8/2010	yes	3/8/2015		1	1	Bennett (USC/MUSC)
Total 2007-08		\$30.6 Million	\$21,633,193	\$30,600,000	\$24,779,962								
Funding Year 2008-09													
Clemson	Tissue Systems Characterization	\$3 Million				6/8/2009	12/8/2010	Ext. II	12/8/2015		1		
USC USC/MUSC	General Atomics Center for Development of Translational Research	\$3 Million		\$110,000	\$110,000	6/8/2009	12/8/2010	Ext. II	12/8/2015		1	1	Treiber (MUSC)
	Healthful Lifestyles	\$3 Million	\$3,000,000	\$3,000,000	\$3,000,000	9/14/2009	3/14/2011	yes	3/14/2016	yes	2		
MUSC	Lipidomics, Pathobiology and Therapy	\$5 Million		\$5,000,000	\$2,175,183	6/8/2009	12/8/2010	Ext. II	12/8/2015		2		
Total 2008-09		\$14 Million	\$3,000,000	\$8,110,000	\$5,285,183								

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Funding Year													
2009-10													
Clemson	Sustainable Development	\$4 Million	\$2,034,199	\$3,000,000	\$2,034,199	6/7/2010	12/7/2011		12/7/2016		1		
USC	Data Analysis	\$2 Million	\$2,000,000	\$2,000,000	\$2,000,000	6/7/2010	12/7/2011	yes	12/7/2016	yes	1		
MUSC	Inflammation & Fibrosis Research	\$5 Million		\$1,477,219	\$1,151,710	6/7/2010	12/7/2011		12/7/2016		2		
Total 2009-10		\$11 Million	\$4,034,199	\$6,477,219	\$5,185,909								
Totals Since Program Inception: ‡		\$197.6 Mill.	\$160,472,312	\$187,187,219	\$167,328,421						87	40	
Total Lottery Appropriations (2002-2009):		\$180 Million											
% Against Total Funds Awarded (\$186.6M)			81.21%	94.73%	84.68%								

* The Hydrogen Economy Center was approved during 2003-2004. Funding for one half of this Center was provided in 2003-04, the other half in 2004-2005.
† The SeniorSMART Center was approved in 2007-2008. Funding was provided from 2006-2007 dollars.
†† The Cancer Disparities Center and the Medication Safety & Efficacy Center were approved in 2008-2009. Funding was provided from 2007-2008 dollars.
‡ Total awards figure includes use of \$17.6 million in accrued program interest for additional awards, as permitted by S.C. 2-75-30(A).